See Paper 48 for invarouship changes

Declar

and Power of Attorney For Patent A cation 特許出願宣言書及び委任状 Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。	As a below named inventor, I hereby declare that:
私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。	My residence, post office address and citizenship are as stated next to my name.
下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者(下記の氏名が一つの場合)もしくは最初かつ共同発明者(下記の名称が複数の場合)であると信じています。	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled. THERMAL HEAD AND CONTROLLER FOR CONTROLLING THE SAME
上記発明の明細書は、 本書に添付されています。	the specification of which X is attached hereto. Was filed on as United States Application Number or PCT International Application Number and was amended on (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、 内容を理解していることをここに表明します。

私は、連邦規則法典第37編第1条56項に定義されるとお り、特許資格の有無について重要な情報を開示する義務が あることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation, Section 1.56.

I hereby state that I have reviewed and understand the

contents of the above identified specification, including

the claims, as amended by any amendment referred to

above.



Japanese Language Declaration

(日本語宣言書)

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基づき下記の、米国以外の国の少なくとも一カ国を指定している特許協力条約365(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

Prior Foreign Application(s) 外国での先行出願

Number	Country
番号	国名
2000-65474	JP
11-341499	JР
11-342611	JP

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Month/Day/Year Filed	Priority Claimed
出願年月日	優先権主張
March 9, 2000	YES
November 30, 1999	No
December 1, 1999	No

私は、第35編米国法典119条(e) 項に基づいて下記の 米国特許出願規定に記載された権利をここに主張いたしま す。

(Application No.) (Filling Date) (出願番号) (出願日)

私は、下記の米国法典第 35 編 120 条に基づいて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約 365 条 (c) に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第 35 編 112 条第 1 項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書提出日以降で本出願書の日本国内または特許協力条約国際提出日までの期間中に入手された、連邦規則法典第 37 編 1 条56 項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

(Application No.) (出願番号) (Filling Date) (出願日)

私は、私自信の知識に基づいて本宣言書中で私が行なう表明が真実であり、かつ私の入手した情報と私の信じるところに基づく表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第 18 編第 1001 条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

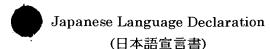
(Application No.) (Filling Date) (出願番号) (出願日)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Status: Patented, Pending, Abandoned) (現況:特許許可済、係属中、放棄済)

Patented	Pending	Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statement made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



委任状:私は下記の発明者として、本出願に関する一切 の手続きを米特許商標局に対して遂行する弁理士または 代理人として、下記の者を指名いたします。

(弁護士、または代理人の指名及び登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number)

Normal F. Oblon, Registration Number 24,618; Mavin J. Spivak, Registration Number 24,913; C. Irvin McClelland, Registration Number 21,124; Gregory J. Maier, Registration Number 25,599; Arthur I. Neustadt, Registration Number 24,854; Richard D. Kelly Registration Number 27,757; James D. Hamilton, Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,870; Robert T. Pous, Registration Number 29,099; Charles L. Gholz, Registration Number 26,395; Vincent J Sunderdick, Registration Number 29,004; William E. Beaumont Registration Number 30,996; Steven B. Kelber, Registration Number 30,073; Robert F. Gnuse, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,451; Stephen G. Baxter, Registration Number 32,884; Martin M. Zoltick, Registration Number 35,745; Robert W. Hahl, Registration Number 33,893; Richard L. Treanor, Registration Number 36,379; Steven P. Weihrouch, Registration Number 32,829; John T. Goolkasian, Registration Number 26,142; Marc R. Labgold, Registration Number 34,651; William J. Healey, Registration Number 36,160; Richard L. Chinn, Registration Number 34,305; Steven E. Lipman, Registration Number 30,011; Carl E. Schlier, Registration Number 34,426; James J. Kulbaski, Registration Number 34,648; Catherine B. Richardson, Registration Number 39,007; Richard A. Neifeld, Registration Number 35,299; and J. Derek Mason, Registration Number 35,270; and Surinder Sachar, Registration Number 34,423, with full powers of substitution and revocation.

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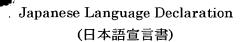
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発明者の署名	日付 .	Inventor's signature Date Hayami Susifama. February 22, 2001
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第二共同発明者の署名	日付	Second Inventor's signature Date Takashi kubota February 22, 2001
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(第三またはそれ以降の共同発明者についても同様な

情報および署名を提供すること。)

(Supply similar information and signature for third and subsequent joint inventors.)



第三共同発明者		Full name of third joint inventor, if any Hiroshi MATSUDA
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第四共同発明者の署名	日付	Fourth Inventor's signature Date Kuzunori Masukawa February 22, 2001
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第五共同発明者		Full name of fifth joint inventor, if any Yosikazu MIYASITA
第五共同発明者の署名	日付	Fifth Inventor's signature Date Yoshikazu Miyashita February 22, 2001
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第六共同発明者		Full name of sixth joint inventor, if any Sigeyuki KAWAMURA
第六共同発明者の署名	日付	Sixth Inventor's signature Date Sigeyuki Kawa muta February 22,2001
住所		Residence c/o SHINKO ELECTRIC CO., LTD., Ise Works, 100, Takegahana-cho, Ise-shi, Mie-ken, 516-0005 Japan
国籍		Citizenship JP
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(第七またはそれ以降の共同発明者についても同様な

情報および署名を提供すること。)

(Supply similar information and signature for seventh and subsequent joint inventors.)